

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

a SB 252

U5 RESERVE

250
COTTON

GIN EQUIPMENT

1972

U. S. DEPT. OF AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY

APR 24 1973

CATALOGING - PREP.



UNITED STATES DEPARTMENT OF AGRICULTURE

Agricultural Marketing Service Cotton Division

Memphis, Tennessee

<u>Table No.</u>	<u>Page</u>
1. Number of cotton gins and gin batteries, distribution of batteries by volume ginned, and ginning capacity, by states and United States, July 1972	2
2. Cotton gin batteries and number of batteries by gin stands, automatic bulk feed control and by drying and lint cleaning stages, by states and United States, July 1972	3
3. Cotton gin batteries with specified kinds of equipment, by states and United States, July 1972.	4
4. Number of cotton gins and gin batteries, distribution of batteries by volume ginned, and ginning capacity, by classing office and Southeastern Area, July 1972.	5
5. Cotton gin batteries and number of batteries by gin stands, automatic bulk feed control and by drying and lint cleaning stages, by classing office and Southeastern Area, July 1972.	6
6. Cotton gin batteries with specified kinds of equipment, by classing office and Southeastern Area, July 1972	7
7. Number of cotton gins and gin batteries, distribution of batteries by volume ginned, and ginning capacity, by classing office and South Central Area, July 1972	8
8. Cotton gin batteries and number of batteries by gin stands, automatic bulk feed control and by drying and lint cleaning stages, by classing office and South Central Area, July 1972.	9
9. Cotton gin batteries with specified kinds of equipment, by classing office and South Central Area, July 1972.	10
10. Number of cotton gins and gin batteries, distribution of batteries by volume ginned, and ginning capacity, by classing office and Southwestern Area, July 1972.	11
11. Cotton gin batteries and number of batteries by gin stands, automatic bulk feed control and by drying and lint cleaning stages, by classing office and Southwestern Area, July 1972.	12
12. Cotton gin batteries with specified kinds of equipment, by classing office and Southwestern Area, July 1972	13
13. Number of cotton gins and gin batteries, distribution of batteries by volume ginned, and ginning capacity, by classing office and Far Western Area, July 1972	14
14. Cotton gin batteries and number of batteries by gin stands, automatic bulk feed control and by drying and lint cleaning stages, by classing office and Far Western Area, July 1972.	15
15. Cotton gin batteries with specified kinds of equipment, by classing office and Far Western Area, July 1972.	16

COTTON GIN EQUIPMENT - UNITED STATES

1972

SUMMARY

Cotton gin batteries continue to decrease in number in the United States, according to the Department of Agriculture, Agricultural Marketing Service. The prolonged downward trend in the number of batteries has had little effect on overall capacity for the cotton ginning industry. Much of the loss has been in the less efficient and older gins which in many cases have been replaced by high-capacity gin plants. Changes in the ginning industry have occurred in close conjunction with the transition from manual to mechanized harvesting of the cotton crop which is virtually completed.

This bulletin presents in tabular form specified types of equipment and machinery in cotton gins in the United States at the beginning of the 1972-73 season. Data are shown in five groups of three tables each. The first group of three tables covers equipment by states and the United States. The other four groups of tables present ginning data by classing office territories and states in each of the four geographical areas of the Cotton Belt.

The number of active gin batteries has decreased at an accelerated rate during recent years. There were about 3,700 batteries in July 1972 compared with 4,700 batteries in 1967 and 5,400 in 1962. The largest decrease in gin batteries, by geographic area, occurred in the southeastern area of the belt with 370 fewer batteries in 1972 than in 1967. The smallest decrease was in the far western area where there were 79 fewer batteries.

Virtually all active gin batteries in the United States are equipped with lint cleaners. Nearly 3,700 batteries had lint cleaning facilities, equivalent to over 99 percent of the total. This is a slight percentage increase over five years ago and compares with 93 percent in 1962. There has been a further increase in the number of gins having multiple stages of lint cleaning. Over four-fifths of all gin batteries with lint cleaners have two or more stages of cleaning. This compares with approximately three-fourths in 1967 and two-thirds in 1962.

The number of cotton gin batteries with seed cotton cleaning equipment above the distributor has continued to increase. For example, there were 2,147 batteries with stick and green leaf machines in July 1972, equivalent to 58 percent of the total. This compares with 49 percent five years ago and 25 percent ten years ago. The proportion of gin batteries with other kinds of seed cotton cleaning equipment such as magnets and green boll traps also increased somewhat in recent years.

Seed cotton driers are now installed in practically every gin. Nearly three-fourths of the gin batteries with seed cotton driers have two or more stages of drying. This compares with about two-thirds five years ago and a little over one-half in 1962.

The latest tabulation on gin equipment indicates that there are more cotton gin batteries with moisture meters and moisture restoration systems than there were five years ago despite the sharp decrease in the total number of batteries during this period.

July 28, 1972

Table 1. Number of cotton gins and gin batteries, distribution of batteries by volume ginned, and ginning capacity, by states and United States, July 1972

State and United States	Total number		Batteries			Batteries by volume ginned						Ginning capacity by batteries			
	Gins	Batteries	Single	Double	Triple	500 or less	501-1,500	1,501-2,500	2,501-5,000	5,001-10,000	10,001 and over	Bales per hour			
												5 or less	6-10	11-15	16-20
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.				
Virginia	4	4	4	-	-	2	2	-	-	-	-	2	2	-	-
North Carolina	99	100	100	-	-	30	30	29	9	2	-	70	29	1	-
South Carolina	172	180	164	8	-	40	71	31	34	4	-	116	48	15	1
Georgia	161	163	159	2	-	13	52	36	49	13	-	43	92	22	6
Florida	4	4	4	-	-	1	1	1	-	1	-	-	2	2	-
Alabama	237	240	234	3	-	22	53	63	77	23	2	87	122	21	9
Mississippi	464	474	454	10	-	11	80	112	169	93	9	132	199	85	40
Tennessee 1/	197	201	193	4	-	5	48	72	61	14	1	80	104	16	1
Missouri	115	115	115	-	-	6	15	16	56	22	-	26	66	19	4
Arkansas	396	408	384	12	-	10	69	104	181	41	3	114	237	42	10
Louisiana	148	149	147	1	-	5	24	28	54	31	7	36	77	24	10
Oklahoma	117	121	121	-	-	13	70	20	17	1	-	39	67	12	3
Texas	1,006	1,124	1,089	16	1	119	311	303	308	81	2	202	750	140	28
New Mexico	53	57	49	4	-	4	11	16	25	1	-	12	40	5	-
Arizona	120	123	123	-	-	1	14	23	42	40	3	16	73	25	7
California 2/	213	247	227	10	-	4	15	32	113	76	7	5	136	75	23
United States	3,506	3,710	3,567	70	1	286	866	886	1,195	443	34	980	2,044	504	142
															40

1/ Includes one gin in Kentucky.

2/ Includes one gin in Nevada.

Table 2. Cotton gin batteries and number of batteries by gin stands, automatic bulk feed control and by drying and lint cleaning stages, by states and United States, July 1972

State and United States	Total gin bat- teries	Batteries by number of gin stands						Automatic bulk feed control driers	Seed cotton driers	Number of gin batteries having							
		Stages of drying								Lint clean- ers	Stages of lint cleaning						
		4 or more									1	2	3	4 or more			
		No.	No.	No.	No.	No.	No.								No.	No.	No.
Virginia	4	3	1	-	-	-	-	3	3	-	-	-	3	1	2	-	-
North Carolina	100	20	42	38	-	-	-	23	98	54	38	6	-	97	48	39	10
South Carolina	180	43	67	67	3	-	-	47	178	86	89	3	-	175	48	91	34
Georgia	163	42	38	74	8	1	1	61	163	57	99	7	-	161	32	111	18
Florida	4	2	1	1	-	-	-	1	4	2	2	-	-	4	-	3	1
Alabama	240	80	57	93	10	-	-	89	235	81	151	3	-	236	26	146	61
Mississippi	474	84	152	214	22	2	2	267	473	112	354	7	-	474	80	326	67
Tennessee 1/	201	40	74	83	4	-	-	85	200	38	127	35	-	201	14	118	66
Missouri	115	32	33	46	3	1	1	85	115	10	101	4	-	115	7	68	38
Arkansas	408	79	120	170	38	1	1	201	408	88	300	20	-	408	78	254	70
Louisiana	149	22	34	71	20	2	2	79	149	13	126	10	-	149	10	99	37
Oklahoma	121	21	23	56	19	2	2	49	121	57	61	3	-	120	49	71	-
Texas	1,124	102	152	404	418	48	48	484	1,124	320	705	99	-	1,116	248	742	119
New Mexico	57	5	11	22	13	6	6	28	57	20	33	4	-	57	6	35	16
Arizona	123	3	20	15	64	21	21	108	123	36	71	16	-	123	9	78	29
California 2/	247	1	25	42	158	21	21	241	247	7	177	63	-	247	1	143	95
United States	3,710	579	850	1,396	780	105	105	1,848	3,698	984	2,434	280	-	3,686	657	2,326	661
																	42

1/ Includes one gin in Kentucky.

2/ Includes one gin in Nevada.

Table 3. Cotton gin batteries with specified kinds of equipment, by states and United States, July 1972

State and United States	Total gin bat- teries	Number of gin batteries having												
		Seed cotton cleaning equipment						Other equipment						
		Bur ex- tractor	Stick & green leaf machine	Combi- nation 1/	Magnet	Green boll trap	Other 2/	Seed cotton cleaner under distributor	Over flow by- pass	Mechan- ical sampler	Moist- ure meter	Moisture restor- ation system	System to add chem- ical to seed cotton	Standard Density Presses 3/
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	
Virginia	4	-	2	-	1	1	2	4	2	-	-	-	-	-
North Carolina	100	42	37	5	42	44	40	49	73	-	7	2	2	-
South Carolina	180	55	85	17	69	106	164	39	140	-	123	-	9	1
Georgia	163	66	123	5	94	112	138	6	88	2	35	2	5	-
Florida	4	-	3	1	3	3	4	3	3	-	1	-	-	-
Alabama	240	67	172	32	103	114	278	26	112	7	71	3	39	2
Mississippi	474	95	246	57	271	216	462	62	393	4	148	19	16	19
Tennessee 4/	201	95	96	2	103	61	189	27	138	1	53	25	67	1
Missouri	115	51	59	8	77	44	113	50	94	-	70	23	23	3
Arkansas	408	222	192	35	269	221	354	206	312	7	198	62	45	9
Louisiana	149	70	97	30	59	73	138	78	103	4	56	4	13	7
Oklahoma	121	119	70	11	9	105	121	80	94	1	5	-	112	-
Texas	1,124	1,001	744	180	351	1,048	1,049	231	897	46	292	345	896	23
New Mexico	57	28	36	4	20	49	57	13	44	-	35	24	6	8
Arizona	123	82	63	6	34	114	123	55	106	14	66	27	6	24
California 5/	247	120	122	7	104	106	247	64	231	83	198	56	10	74
United States	3,710	2,113	2,147	400	1,609	2,417	3,479	993	2,830	169	1,358	592	1,249	171

1/ Combination bur extractor and stick and green leaf machine.

2/ Includes all other seed cotton cleaning equipment such as impact and incline cleaners, after cleaners, etc.

3/ Includes 15 High Density Presses and one Universal Density Press.

4/ Includes one gin in Kentucky.

5/ Includes one gin in Nevada.

Table 4. Number of cotton gins and gin batteries, distribution of batteries by volume ginned, and ginning capacity, by classing office territory, Southeastern Area, July 1972

Classing Office, State and Area	Total number		Batteries			Batteries by volume ginned										Ginning capacity by batteries				
	Gins	No.	Single	Double	Triple	500 or less	501	1,500	2,500	5,000	10,000	5,001	10,001	and over	No.	Bales per hour				No.
																5 or less	6-10	11-15	16-20	
SOUTHEASTERN AREA:	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
<u>Raleigh Classing Office</u>																				
North Carolina	99	100	100	-	-	30	30	29	9	2	-	2	-	-	70	29	1	-	-	-
Virginia	4	4	4	-	-	2	2	-	-	-	-	-	-	-	2	2	-	-	-	-
Classing Office Total	103	104	104	-	-	32	32	29	9	2	-	2	-	-	72	31	1	-	-	-
<u>Columbia Classing Office</u>																				
South Carolina	172	180	164	8	-	40	71	31	34	4	-	4	-	-	116	48	15	1	-	-
<u>Augusta Classing Office</u>																				
Georgia	54	55	53	1	-	6	21	11	15	2	-	2	-	-	20	31	4	-	-	-
<u>Atlanta Classing Office</u>																				
Georgia	107	108	106	1	-	7	31	25	34	11	-	11	-	-	23	61	18	6	-	-
<u>Birmingham Classing Office</u>																				
Alabama	151	154	148	3	-	3	28	47	59	15	2	15	2	2	51	83	11	9	-	-
<u>Montgomery Classing Office</u>																				
Alabama	86	86	86	-	-	19	25	16	18	8	-	8	-	-	36	39	10	-	-	1
Florida	4	4	4	-	-	1	1	1	-	1	-	1	-	-	-	2	2	-	-	-
Classing Office Total	90	90	90	-	-	20	26	17	18	9	-	9	-	-	36	41	12	-	-	1
Area Total	677	691	665	13	-	108	209	160	169	43	2	43	2	2	318	295	61	16	1	1

Table 5. Cotton gin batteries and number of batteries by gin stands, automatic bulk feed control and by drying and lint cleaning stages, by classing office territory, Southeastern Area, July 1972

Classing Office, State and Area	Total gin bat- teries	Batteries by number of gin stands						Automatic bulk feed control	Seed cotton driers	Stages of drying				Lint clean- ers	Stages of lint cleaning			
		2 or less		3	4	5	6 or more			1	2	3	4 or more		1	2	3	4 or more
		No.	No.	No.	No.	No.												
		No.	No.	No.	No.	No.	No.											
SOUTHEASTERN AREA:																		
<u>Raleigh Classing Office</u>																		
North Carolina	100	20	42	38	-	-	23	98	54	38	6	-	97	48	39	10	-	
Virginia	4	3	1	-	-	-	-	3	3	-	-	-	3	1	2	-	-	
Classing Office Total	104	23	43	38	-	-	23	101	57	38	6	-	100	49	41	10	-	
<u>Columbia Classing Office</u>																		
South Carolina	180	43	67	67	3	-	47	178	86	89	3	-	175	48	91	34	2	
<u>Augusta Classing Office</u>																		
Georgia	55	11	14	29	1	-	23	55	17	34	4	-	54	6	44	4	-	
<u>Atlanta Classing Office</u>																		
Georgia	108	31	24	45	7	1	38	108	40	65	3	-	107	26	67	14	-	
<u>Birmingham Classing Office</u>																		
Alabama	154	43	38	66	7	-	64	152	44	106	2	-	152	9	90	50	3	
<u>Montgomery Classing Office</u>																		
Alabama	86	37	19	27	3	-	25	83	37	45	1	-	84	17	56	11	-	
Florida	4	2	1	1	-	-	1	4	2	2	-	-	4	-	3	1	-	
Classing Office Total	90	39	20	28	3	-	26	87	39	47	1	-	88	17	59	12	-	
Area Total	691	190	206	273	21	1	221	681	283	379	19	-	676	155	392	124	5	

Table 6. Cotton gin batteries with specified kinds of equipment, by classing office territory, Southeastern Area, July 1972

Classing Office, State and Area	Total gin bat- teries	Number of gin batteries having												
		Seed cotton cleaning equipment						Other equipment						
		Bur ex- tractor	Stick & green leaf machine	Combi- nation 1/	Magnet	Green boll trap	Other 2/	Seed cotton cleaner under distributor	Over flow by- pass	Mechan- ical sampler	Mois- ture meter	Moisture restor- ation system	System to add chem- ical to seed cotton	Standard Density Presses 3/
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	
SOUTHEASTERN AREA:														
<u>Raleigh Classing Office</u>														
North Carolina	100	42	37	5	42	44	40	49	73	-	7	2	2	-
Virginia	4	-	2	-	1	1	2	4	2	-	-	-	-	-
Classing Office Total	104	42	39	5	43	45	42	53	75	-	7	2	2	-
<u>Columbia Classing Office</u>														
South Carolina	180	55	85	17	69	106	164	39	140	-	123	-	9	1
<u>Augusta Classing Office</u>														
Georgia	55	13	42	3	37	42	46	1	28	-	10	-	-	-
<u>Atlanta Classing Office</u>														
Georgia	108	53	81	2	57	70	92	5	60	2	25	2	5	-
<u>Birmingham Classing Office</u>														
Alabama	154	48	125	16	57	54	207	8	55	7	32	3	31	2
<u>Montgomery Classing Office</u>														
Alabama	86	19	47	16	46	60	71	18	57	-	39	-	8	-
Florida	4	-	3	1	3	3	4	3	3	-	1	-	-	-
Classing Office Total	90	19	50	17	49	63	75	21	60	-	40	-	8	-
Area Total	691	230	422	60	312	380	626	127	418	9	237	7	55	3

1/ Combination bur extractor and stick and green leaf machine.

2/ Includes all other seed cotton cleaning equipment such as impact and incline cleaners, after cleaners, etc.

3/ Includes one High Density Press.

Table 7. Number of cotton gins and gin batteries, distribution of batteries by volume ginned, and ginning capacity, by classing office territory, South Central Area, July 1972

Classing Office, State and Area	Total number		Batteries			Batteries by volume ginned							Ginning capacity by batteries				
	Gins	Bat- teries	Single	Double	Triple	500 or less	501 - 1,500	2,500	5,000	10,000	5,001 - 10,000	10,001 and over	Bales per hour				
													5 or less	6-10	11-15	16-20	21 and over
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	
SOUTH CENTRAL AREA:																	
<u>Greenwood Classing Office</u>																	
Mississippi	304	312	296	8	-	3	36	56	122	87	8	8	51	131	73	39	18
<u>Jackson Classing Office</u>																	
Mississippi	60	60	60	-	-	7	19	14	17	2	1	1	21	33	5	1	-
<u>Memphis Classing Office</u>																	
Tennessee 1/	197	201	193	4	-	5	48	72	61	14	1	1	80	104	16	1	-
Arkansas	32	32	32	-	-	1	6	9	16	-	-	-	7	24	1	-	-
Mississippi	100	102	98	2	-	1	25	42	30	4	-	-	60	35	7	-	-
Classing Office Total	329	335	323	6	-	7	79	123	107	18	1	1	147	163	24	1	-
<u>Hayti Classing Office</u>																	
Missouri	115	115	115	-	-	6	15	16	56	22	-	-	26	66	19	4	-
<u>Blytheville Classing Office</u>																	
Arkansas	121	129	113	8	-	1	12	26	73	16	1	1	24	77	21	5	2
<u>Little Rock Classing Office</u>																	
Arkansas	243	247	239	4	-	8	51	69	92	25	2	2	83	136	20	5	3
<u>Winnsboro Classing Office</u>																	
Louisiana	78	79	77	1	-	-	-	12	32	28	7	7	9	41	17	10	2
<u>Alexandria Classing Office</u>																	
Louisiana	70	70	70	-	-	5	24	16	22	3	-	-	27	36	7	-	-
Area Total	1,320	1,347	1,293	27	-	37	236	332	521	201	20	20	388	683	186	65	25

1/ Includes one gin in Kentucky.

Table 8. Cotton gin batteries and number of batteries by gin stands, automatic bulk feed control and by drying and lint cleaning stages, by classing office territory, South Central Area, July 1972

Classing Office, State and Area	Total gin bat- teries	Batteries by number of gin stands						Automatic bulk feed control driers	Seed cotton driers	Stages of drying				Lint clean- ers	Stages of lint cleaning			
		2 or less		3		4				5		6 or more			1	2	3	4 or more
		No.	No.	No.	No.	No.	No.			No.	No.							
SOUTH CENTRAL AREA:																		
<u>Greenwood Classing Office</u> Mississippi	312	52	108	134	17	1	234	312	47	260	5	-	312	32	229	50	1	
<u>Jackson Classing Office</u> Mississippi	60	9	15	35	1	-	11	60	21	38	1	-	60	23	34	3	-	
<u>Memphis Classing Office</u> Tennessee 1/ Arkansas	201	40	74	83	4	-	85	200	38	127	35	-	201	14	118	66	3	
<u>Mississippi</u>	32	7	2	23	-	-	23	32	11	20	1	-	32	12	17	3	-	
<u>Classing Office Total</u>	102	23	29	45	4	1	22	101	44	56	1	-	102	25	63	14	-	
<u>Hayti Classing Office</u> Missouri	335	70	105	151	8	1	130	333	93	203	37	-	335	51	198	83	3	
<u>Blytheville Classing Office</u> Arkansas	115	32	33	46	3	1	85	115	10	101	4	-	115	7	68	38	2	
<u>Little Rock Classing Office</u> Arkansas	129	28	42	43	15	1	77	129	11	110	8	-	129	15	93	17	4	
<u>Winnsboro Classing Office</u> Louisiana	247	44	76	104	23	-	101	247	66	170	11	-	247	51	144	50	2	
<u>Alexandria Classing Office</u> Louisiana	79	10	23	35	11	-	57	79	3	70	6	-	79	2	55	21	1	
<u>Area Total</u>	1,347	257	413	584	87	6	717	1,345	261	1,008	76	-	1,347	189	865	278	15	

1/ Includes one gin in Kentucky.

Table 9. Cotton gin batteries with specified kinds of equipment, by classing office territory, South Central Area, July 1972

Classing Office, State and Area	Total gin bat- teries	Number of gin batteries having												
		Seed cotton cleaning equipment						Other equipment						
		Bur ex- tractor	Stick & green leaf machine	Combi- nation 1/	Magnet	Green boll trap	Other 2/	Seed cotton cleaner under distributor	Over flow by- pass	Mechan- ical sampler	Mois- ture meter	Moisture restor- ation system	System to add chem- ical to seed cotton	Standard Density Presses 3/
SOUTH CENTRAL AREA:														
<u>Greenwood Classing Office</u> Mississippi	312	73	171	55	223	161	303	55	267	4	128	13	10	18
<u>Jackson Classing Office</u> Mississippi	60	7	26	2	16	18	58	-	47	-	12	-	1	-
<u>Memphis Classing Office</u> Tennessee 4/ Arkansas	201	95	96	2	103	61	189	27	138	1	53	25	67	1
Mississippi	32	19	13	1	20	24	32	3	25	-	6	4	5	-
Classing Office Total	102	15	49	-	32	37	101	7	79	-	8	6	5	1
	335	129	158	3	155	122	322	37	242	1	67	35	77	2
<u>Hayti Classing Office</u> Missouri	115	51	59	8	77	44	113	50	94	-	70	23	23	3
<u>Blytheville Classing Office</u> Arkansas	129	63	54	20	88	61	81	42	108	1	88	42	9	2
<u>Little Rock Classing Office</u> Arkansas	247	140	125	14	161	136	241	161	179	6	104	16	31	7
<u>Winnsboro Classing Office</u> Louisiana	79	39	62	19	37	43	71	39	67	3	42	3	11	5
<u>Alexandria Classing Office</u> Louisiana	70	31	35	11	22	30	67	39	36	1	14	1	2	2
Area Total	1,347	533	690	132	779	615	1,256	423	1,040	16	525	133	164	39

1/ Combination bur extractor and stick and green leaf machine.

2/ Includes all other seed cotton cleaning equipment such as impact and incline cleaners, after cleaners, etc.

3/ Includes one Universal Density Press.

4/ Includes one gin in Kentucky.

Table 10. Number of cotton gins and gin batteries, distribution of batteries by volume ginned, and ginning capacity, by classing office territory, Southwestern Area, July 1972

Classing Office, State and Area	Total number		Batteries			Batteries by volume ginned						Ginning capacity by batteries				
	Gins	Bat- teries	Single	Double	Triple	500 or less	501 - 1,500	1,501 - 2,500	2,501 - 5,000	5,001 - 10,000	10,001 and over	5 or less	Bales per hour			21 and over
													No.	No.	No.	
SOUTHWESTERN AREA:	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
<u>Altus Classing Office</u>	95	99		-	-	12	53	16	17	1	-	-	27	57	12	3
Oklahoma																
Texas	64	68		1	-	5	16	18	20	9	-	-	15	43	9	1
Classing Office Total	159	167		1	-	17	69	34	37	10	-	-	42	100	21	4
<u>Dallas Classing Office</u>																
Texas	132	134		2	-	13	67	39	15	-	-	-	42	86	6	-
Oklahoma	22	22		-	-	1	17	4	-	-	-	-	12	10	-	-
Classing Office Total	154	156		2	-	14	84	43	15	-	-	-	54	96	6	-
<u>Austin Classing Office</u>																
Texas	147	151		4	-	43	62	28	18	-	-	-	81	61	8	1
<u>Corpus Christi Classing Office</u>																
Texas	72	75		1	-	14	33	23	5	-	-	-	5	51	14	5
<u>Harlingen Classing Office</u>																
Texas	63	84		3	1	-	12	14	49	9	-	-	2	59	18	3
<u>Abilene Classing Office</u>																
Texas	124	128		-	-	12	30	27	44	14	1	1	25	84	17	2
<u>Lubbock Classing Office</u>																
Texas	362	438		1	-	30	85	142	137	43	1	1	16	336	68	16
New Mexico	5	5		-	-	-	4	1	-	-	-	-	-	5	-	-
Classing Office Total	367	443		1	-	30	89	143	137	43	1	1	16	341	68	16
Area Total	1,086	1,204		12	1	130	379	312	305	76	2	2	225	792	152	31
																4

Table 11. Cotton gin batteries and number of batteries by gin stands, automatic bulk feed control and by drying and lint cleaning stages, by classing office territory, Southwestern Area, July 1972

Classing Office, State and Area	Total gin bat- teries	Batteries by number of gin stands										Automatic bulk feed control	Seed cotton driers	Stages of drying				Lint clean- ers	Stages of lint cleaning			
		2 or less		3	4	5	6 or more	1	2	3	4 or more			1	2	3	4 or more					
		No.	No.																			
																			No.	No.		
SOUTHWESTERN AREA:																						
<u>Altus Classing Office</u>																						
Oklahoma	99	15	17	46	19	2	40	99	42	55	2	-	98	31	67	-	-	-				
Texas	68	5	8	32	23	-	19	68	31	30	7	-	68	18	44	6	-	-				
Classing Office Total	167	20	25	78	42	2	59	167	73	85	9	-	166	49	111	6	-	-				
<u>Dallas Classing Office</u>																						
Texas	134	19	20	67	27	1	48	134	49	77	8	-	133	43	85	5	-	-				
Oklahoma	22	6	6	10	-	-	9	22	15	6	1	-	22	18	4	-	-	-				
Classing Office Total	156	25	26	77	27	1	57	156	64	83	9	-	155	61	89	5	-	-				
<u>Austin Classing Office</u>																						
Texas	151	26	18	62	44	1	51	151	47	92	12	-	149	78	62	7	2	2				
<u>Corpus Christi Classing Office</u>																						
Texas	75	8	13	17	35	2	44	75	7	58	10	-	75	7	51	17	-	-				
<u>Harlingen Classing Office</u>																						
Texas	84	5	12	17	46	4	48	84	3	70	11	-	84	4	62	18	-	-				
<u>Abilene Classing Office</u>																						
Texas	128	10	20	48	47	3	51	128	54	69	5	-	127	60	61	6	-	-				
<u>Lubbock Classing Office</u>																						
Texas	438	27	61	156	172	22	203	438	114	285	39	-	438	36	351	46	5	5				
New Mexico	5	-	1	3	1	-	-	5	3	2	-	-	5	1	4	-	-	-				
Classing Office Total	443	27	62	159	173	22	203	443	117	287	39	-	443	37	355	46	5	5				
Area Total	1,204	121	176	458	414	35	513	1,204	365	744	95	-	1,199	296	791	105	7	7				

Table 12. Cotton gin batteries with specified kinds of equipment, by classing office territory, Southwestern Area, July 1972

Classing Office, State and Area	Total gin bat- teries	Number of gin batteries having												
		Seed cotton cleaning equipment						Other equipment						
		Bur ex- tractor	Stick & green leaf machine	Combi- nation 1/	Magnet	Green boll trap	Other 2/	Seed cotton cleaner under distributor	Over flow by- pass	Mechan- ical sampler	Mois- ture meter	Moisture restor- ation system	System to add chem- ical to seed cotton	Standard Density Presses 3/
SOUTHWESTERN AREA:														
<u>Altus Classing Office</u>														
Oklahoma	99	98	55	9	9	89	99	77	81	1	5	-	93	-
Texas	68	68	42	10	12	64	68	44	67	-	6	-	63	-
Classing Office Total	167	166	97	19	21	153	167	121	148	1	11	-	156	-
<u>Dallas Classing Office</u>														
Texas	134	129	95	29	27	131	133	12	109	-	8	1	93	-
Oklahoma	22	21	15	2	-	16	22	3	13	-	-	-	19	-
Classing Office Total	156	150	110	31	27	147	155	15	122	-	8	1	112	-
<u>Austin Classing Office</u>														
Texas	151	137	90	71	43	129	77	29	106	-	20	3	92	2
<u>Corpus Christi Classing Office</u>														
Texas	75	44	55	17	36	60	75	4	62	-	26	9	50	-
<u>Harlingen Classing Office</u>														
Texas	84	46	67	23	39	68	84	16	65	-	36	13	67	1
<u>Abilene Classing Office</u>														
Texas	128	127	77	1	25	123	128	5	99	2	6	9	116	1
<u>Lubbock Classing Office</u>														
Texas	438	421	281	26	153	430	438	113	344	44	157	288	407	2
New Mexico	5	5	3	-	-	3	5	1	3	-	-	-	5	-
Classing Office Total	443	426	284	26	153	433	443	114	347	44	157	288	412	2
Area Total	1,204	1,096	780	188	344	1,113	1,129	304	949	47	264	323	1,005	6

1/ Combination bur extractor and stick and green leaf machine.

2/ Includes all other seed cotton cleaning equipment such as impact and incline cleaners, after cleaners, etc.

3/ Includes one High Density Press.

Table 13. Number of cotton gins and gin batteries, distribution of batteries by volume ginned, and ginning capacity, by classing office territory, Far Western Area, July 1972

Classing Office, State and Area	Total number		Batteries			Batteries by volume ginned						Ginning capacity by batteries				
	Gins	Bat- teries	Single	Double	Triple	500 or less	501 - 1,500	1,501 - 2,500	2,501 - 5,000	5,001 - 10,000	10,001 and over	5 or less	Bales per hour			
													6-10	11-15	16-20	21 and over
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
<u>FAR WESTERN AREA:</u>																
<u>El Paso Classing Office</u>																
Texas Saw Gins	13	14	12	1	-	2	3	6	3	-	-	5	9	-	-	-
Texas Roller Gins	10	11	9	1	-	-	-	3	6	2	-	5	6	-	-	-
New Mexico Saw Gins	20	22	18	2	-	2	4	6	10	-	-	7	14	1	-	-
New Mexico Roller Gins	7	7	7	-	-	1	-	3	3	-	-	2	5	-	-	-
Arizona Saw Gins	8	8	8	-	-	-	-	3	4	1	-	1	6	1	-	-
Arizona Roller Gins	3	3	3	-	-	-	-	-	1	2	-	-	3	-	-	-
Classing Office Total	61	65	57	4	-	5	7	21	27	5	-	20	43	2	-	-
<u>Carlsbad Classing Office</u>																
Texas Saw Gins	17	19	15	2	-	-	3	3	10	3	-	4	15	-	-	-
Texas Roller Gins	2	2	2	-	-	-	-	-	1	1	-	2	-	-	-	-
New Mexico Saw Gins	21	23	19	2	-	1	3	6	12	1	-	3	16	4	-	-
Classing Office Total	40	44	36	4	-	1	6	9	23	5	-	9	31	4	-	-
<u>Phoenix Classing Office</u>																
Arizona Saw Gins	85	88	88	-	-	1	3	15	36	30	3	1	56	23	7	1
Arizona Roller Gins	16	16	16	-	-	-	10	5	-	1	-	14	2	-	-	-
Classing Office Total	101	104	104	-	-	1	13	20	36	31	3	15	58	23	7	1
<u>Fresno Classing Office</u>																
California Saw Gins	104	114	94	10	-	2	5	18	61	27	1	5	79	25	2	3
<u>Bakersfield Classing Office</u>																
California Saw Gins 1/	93	114	114	-	-	1	8	13	41	45	6	-	53	41	16	4
<u>El Centro Classing Office</u>																
California Saw Gins	16	19	19	-	-	1	2	1	11	4	-	-	4	9	5	1
Arizona Saw Gins	8	8	8	-	-	-	1	-	1	6	-	-	6	1	-	1
Classing Office Total	24	27	27	-	-	1	3	1	12	10	-	-	10	10	5	2
Area Total	423	468	432	18	-	11	42	82	200	123	10	49	274	105	30	10

1/ Includes one gin in Nevada.

Table 14. Cotton gin batteries and number of batteries by gin stands, automatic bulk feed control and by drying and lint cleaning stages, by classing office territory, Far Western Area, July 1972

Classing Office, State and Area	Total gin bat- teries	Batteries by number of gin stands						Automatic bulk feed control	Seed cotton driers	Number of gin batteries having						Stages of lint cleaning									
		2 or less		3		4				5		6 or more		Stages of drying			Lint clean- ers	No.	1		2		3		4 or more
		No.	No.	No.	No.	No.	No.			No.	No.	No.	No.	No.	No.	No.			No.	No.	No.	No.			
		No.	No.	No.	No.	No.	No.			No.	No.	No.	No.	No.	No.	No.			No.	No.	No.	No.	No.		
FAR WESTERN AREA:																									
<u>El Paso Classing Office</u>																									
Texas Saw Gins	14	1	-	-	3	9	1	6	14	9	4	1	-	14	-	8	6	-	-	-	-	-	-		
Texas Roller Gins	11	-	-	-	-	-	11	8	11	3	8	-	-	7	2	5	-	-	-	-	-	-	-		
New Mexico Saw Gins	22	2	6	7	7	-	-	13	22	11	11	-	-	22	3	11	8	-	-	-	-	-	-		
New Mexico Roller Gins	7	-	1	-	-	-	6	4	7	3	4	-	-	7	2	5	-	-	-	-	-	-	-		
Arizona Saw Gins	8	1	2	2	3	-	-	6	8	1	7	-	-	8	-	5	3	-	-	-	-	-	-		
Arizona Roller Gins	3	-	-	-	-	-	3	3	3	-	3	-	-	3	-	3	-	-	-	-	-	-	-		
Classing Office Total	65	4	9	12	19	21		40	65	27	37	1	-	61	7	37	17	-	-	-	-	-	-		
<u>Carlsbad Classing Office</u>																									
Texas Saw Gins	19	1	-	2	15	1		4	19	3	10	6	-	19	-	11	8	-	-	-	-	-	-		
Texas Roller Gins	2	-	-	-	-	2		2	2	-	2	-	-	2	-	2	-	-	-	-	-	-	-		
New Mexico Saw Gins	23	3	3	12	5	-		11	23	3	16	4	-	23	-	15	8	-	-	-	-	-	-		
Classing Office Total	44	4	3	14	20	3		17	44	6	28	10	-	44	-	28	16	-	-	-	-	-	-		
<u>Phoenix Classing Office</u>																									
Arizona Saw Gins	88	2	17	11	55	3		77	88	23	50	15	-	88	3	53	25	7	-	-	-	-	-		
Arizona Roller Gins	16	-	-	1	-	15		14	16	12	3	1	-	16	6	10	-	-	-	-	-	-	-		
Classing Office Total	104	2	17	12	55	18		91	104	35	53	16	-	104	9	63	25	7	-	-	-	-	-		
<u>Fresno Classing Office</u>																									
California Saw Gins	114	-	7	18	79	10		114	114	-	72	42	-	114	-	64	49	1	-	-	-	-	-		
<u>Bakersfield Classing Office</u>																									
California Saw Gins 1/	114	1	15	15	72	11		108	114	7	87	20	-	114	1	63	43	7	-	-	-	-	-		
<u>El Centro Classing Office</u>																									
California Saw Gins	19	-	3	9	7	-		19	19	-	18	1	-	19	-	16	3	-	-	-	-	-	-		
Arizona Saw Gins	8	-	1	1	6	-		8	8	-	8	-	-	8	-	7	1	-	-	-	-	-	-		
Classing Office Total	27	-	4	10	13	-		27	27	-	26	1	-	27	-	23	4	-	-	-	-	-	-		
Area Total	468	11	55	81	258	63		397	468	75	303	90	-	464	17	278	154	15	-	-	-	-	-		
/ Includes one gin in Nevada.																									

1/ Includes one gin in Nevada.

Table 15. Cotton gin batteries with specified kinds of equipment, by classing office territory, Far Western Area, July 1972

Classing Office, State and Area	Number of gin batteries having													
	Seed cotton cleaning equipment							Other equipment						
	Total gin bat- teries	Bur ex- tractor	Stick & green leaf machine	Combi- nation 1/	Magnet	Green boil trap	Other 2/	Seed cotton cleaner under distributor	Over flow by- pass	Mechan- ical sampler	Mois- ture meter	Moisture restor- ation system	System to add chem- ical to seed cotton	Standard Density Presses 3/
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
<u>PAR WESTERN AREA:</u>														
<u>El Paso Classing Office</u>														
Texas Saw Gins	14	6	11	1	5	11	14	2	13	-	10	7	3	5
Texas Roller Gins	11	5	7	2	4	11	11	3	11	-	7	1	2	-
New Mexico Saw Gins	22	7	14	4	8	19	22	7	12	-	17	6	-	3
New Mexico Roller Gins	7	3	5	-	3	5	7	1	7	-	6	4	-	-
Arizona Saw Gins	8	3	4	2	2	7	8	4	7	1	6	5	1	2
Arizona Roller Gins	3	-	-	3	-	3	3	1	3	-	2	2	-	-
Classing Office Total	65	24	41	12	22	56	65	18	53	1	48	25	6	10
<u>Carlsbad Classing Office</u>														
Texas Saw Gins	19	16	17	-	6	19	19	3	19	-	14	14	3	10
Texas Roller Gins	2	2	2	-	1	2	2	-	2	-	2	-	-	2
New Mexico Saw Gins	23	13	14	-	9	22	23	4	22	-	12	14	1	5
Classing Office Total	44	31	33	-	16	43	44	7	43	-	28	28	4	17
<u>Phoenix Classing Office</u>														
Arizona Saw Gins	88	69	44	1	27	85	88	41	76	9	46	18	1	22
Arizona Roller Gins	16	5	8	-	4	12	16	8	15	-	4	-	-	-
Classing Office Total	104	74	52	1	31	97	104	49	91	9	50	18	1	22
<u>Fresno Classing Office</u>														
California Saw Gins	114	68	43	-	57	44	114	41	112	31	104	13	1	35
<u>Bakersfield Classing Office</u>														
California Saw Gins 4/	114	42	70	7	43	46	114	18	102	44	76	36	2	38
<u>El Centro Classing Office</u>														
California Saw Gins	19	10	9	-	4	16	19	5	17	8	18	7	7	1
Arizona Saw Gins	8	5	7	-	1	7	8	1	5	4	8	2	4	-
Classing Office Total	27	15	16	-	5	23	27	6	22	12	26	9	11	1
Area Total	468	254	255	20	174	309	468	139	423	97	332	129	25	123

1/ Combination bur extractor and stick and green leaf machine.

2/ Includes all other seed cotton cleaning equipment such as impact and incline cleaners, after cleaners, etc.

3/ Includes 13 High Density Presses.

4/ Includes one gin in Nevada.

